



Ruc. 2557942-1-827268 DV 8



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Technical Specifications of Labelstock			
Product Code	Eco Thermal 70AC60		
Face Stock	Fenix Eco Thermal 70 HM WG 60		
Adhesive	Permanent Adhesive		
Liner	60gsm White Glassine		
Items	Specifications	Unit	Test Method
Face Stock			
Basic Weight	70±5%	gsm	ISO 536
Caliper	73±5%	µm	ISO 534
Brightness	≥80	%	ISO 2470
Dynamic Sensitivity	≥1.00	-	GB/T 28210-2011
Water Resistance	≥70	%	23°C,24h
Oil Resistance	≥50	%	23°C,24h
Plasticizer Resistance	≥70	%	40°C,24h
The thermal eco coating has excellent feature of water resistance,oil resistance, plasticizer resistance and BPA-free. Excellent scuff tolerance, weather tolerance and image shelf life. Suitable for industrial barcode printing and logistics application.			
Adhesive			
‘Loop’ Tack	≥14	N	FTM9, ss
Peel Adhesion (90°)	≥7	N/25mm	FTM2, ss
Minimum Application Temp.	10°C		
Service Temp.	-15°C~ +65°C		
Super viscous and permanent acrylic adhesive has excellent performance on various packing materials.			
Liner			
Basic Weight	60±5%	gsm	ISO 536
Caliper	53±5%	µm	ISO 534
Tensile Strength (MD)	≥5.0	kN/m	ISO 2469
Printing & Converting			
✧ Applicable for most printing process.			
✧ Processing temperature should be no more than 50°C due to the thermal feature.			
✧ Ink contains alcohol or volatile organic solvents may cause damage to thermal coating.			
✧ UV ink and water-based ink are recommended to be applied on flexography printing.			
✧ Ink testing is always recommended before production.			
✧ The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food.			
Storage & Preservation			
✧ Avoid being stored at temperature over 50°C or direct sunshine.			
✧ One year when stored at 23±2°C and 50±5%RH. If test qualified, the label can continually been used after shelf life.			

- Note:
1. All relative material's description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent a guarantee.
 2. Is mandatory test before production to avoid potential risks, due to various operating environments and processing conditions.
 3. All information and recommendations abouts Fenix ®products are base on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for differents applications we recommend checking suitability of products prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material
 4. ASI Development Inc. Reserves the right to interpret latest terms to the technical documents.

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